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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln No.: 09/784,158

Confirmation No. 1544

Filed: February 16, 2001

CERTIFICATE OF MAILING

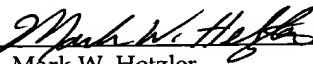
Applicants: Stephan W. WEGERICH et al.

Title: SYSTEM FOR EXTRACTION OF
REPRESENTATIVE DATA FOR
TRAINING OF ADAPTIVE
PROCESS MONITORING
EQUIPMENT

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

Art Unit: 2123

1/31/05
Date


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Mail Stop AMENDMENT
Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

AMENDMENT A

Sir:

In response to the outstanding Office Action mailed July 30, 2004, please amend the above-identified patent application as follows:

Amendments to the Specification begin on page 3 of this paper.

Amendments to the Drawings begin on page 5 of this paper.

Application No. 09/784,158
Amendment dated January 31, 2005
Reply to Office Action of July 30, 2004

Amendments to the Claims are reflected in the listing of claims which begin on page 6 of this paper.

Remarks/Arguments begin on page 16 of this paper.